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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/879,822

06/12/2001

Satoshi Kaneko

CANO:029

4284

7590

06/02/2005

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EXAMINER

GRANT II, JEROME

ART UNIT

PAPER NUMBER

2626

DATE MAILED: 06/02/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/879,822

Applicant(s)

KANEKO ET AL.

Examiner

Jerome Grant II

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 14 March 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,3-8,10,11,24-26,34,36,38-41,43,44,51,53-59,67 and 70 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 27-33,60-66,71,72,75 and 78 is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☒ Claim(s) 2,9,35,42 and 52 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

JEROME GRANT II  
PRIMARY EXAMINER

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☒ Other: Detailed Action

### **Detailed Action**

**1.**

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 3-8, 10, 11, 24-26, 34, 36, 38-41, 43, 44, 51, 53-59, 67 and 70

rejected under 35 U.S.C. 102(e) as being anticipated by Sasaki.

With respect to claims 1 and 67, Sasaki teaches an image input apparatus (shown by figure 1) having input means for inputting image data (input section 18), and output means (printing means at the output of sec. 44, see also reproduction section 58), for outputting image data, said apparatus being connected to at least one other image apparatus via the communication medium, comprising:

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Transmission means (coded conversion section 22) for transmitting the image data input by said input means (lower data output from sector 100) and image accompanying information relating to the input image (data in header, described at the upper portion of section 100) to another apparatus; receiving means 78, shown by figure 21, which is part of calculation section 32, for receiving image data accompanying the information related to the image; output control means (user setting section 24 with sections 40, 42 and 44) for carrying out control so as to output images using said output means based on the image data and the image accompanying information received by the receiving means."

With respect to claims 3, 26, 36, 40, 59 Sasaki teaches wherein said output means is a printer (see output section 44 and the printer connected thereto in figure 2, and output control means adjusts a printing position (via page layout edit section 10, see para. 140, see also para. 438. of an image on a printing sheet.

With respect to claims 4, 37 and 53, Sasaki teaches image accompanying information is indicative of a type of original (see para. 172, lines 6-11) and the output control means adjusts the output quality (para. 238) of an image on a recording medium based on the image accompany information.

With respect to claims 5 and 38, see para. 238 regarding the user controlled adjustments to the image quality.

With respect to claims 6, 39 and 54, Sasaki teaches the image accompanying information is indicative of the sizes of margins (inherent in that the image area is constant by the size of the image data can be reduced, according to para. 205, 406 and 408) , therefore, the margins are defined by the area where the data size has been reduced from the original layout. Sasaki teaches layout means 10 for controlling the output position of an image on a recording medium based on the accompanying information.

With respect to claim 7, Sasaki teaches wherein the output means is a printer and the output control means adjusts the printer position (by layout means 10.

With respect to claims 8, 41 and 55, Sasaki teaches the accompanying information is indicative of an image size (see para. 205, 406, 408) before the fine adjustment of the image size is carried out and the control means 24 carries out a least selection of recording medium).

With respect to claim 56, see para. 162 and figures 3, 4 and 7.

With respect to claims 10 and 43, see the last four lines of para. 146.

With respect to claims 11 and 44, see para. 162 and figures 3, 4 and 7.

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With respect to claims 24 and 57, Sasaki teaches the input/output apparatus: comprising, a converting means (output section 44, as described at para. 162, see figures 3, 4, and 7); and transmission means 22 for transmitting the TIFF file which was converted; wherein the transmission means attaches a free area in a header of the TIF file, see figures 3, 4 and 7 to carry out the image data according to the control information (stored in the header).

With respect to claims 25, 58 and 70, Sasaki teaches the printing apparatus (see output portion of element 44) for outputting image data under the printer controller (use setting section 24 in combination with output devices 44 and /or the reproduction device 58).

With respect to claim 34, Sasaki teaches an input section 18 that input image data or original images, and an output section that outputs image data, and being connected to at least one other image apparatus (46, 56, 58 or other printed device ) comprising: at transmission step (via conversion section 22) of transmitting the image data input by said input section and image accompanying information relating to the image of the apparatus; receiving step (via 78, as shown by figure 21, which is part of the section 22; and output control step (user section 24 with sections 40, 42 and 44) for controlling the output based on the accompanying information.

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With respect to claim 51, Sasaki teaches a method for controlling and connected to a communication medium(reproduction device), comprising: a receiving step (via input nit 18 and 20 taken together); a printing step (see section 44 and the printer attached thereto according to figure 2); a printer control step, via section 44 (in solo), for controlling the printing of the image data; and wherein the receiving step relates to the image of the original and in the controlled step, for printing using the printing section in accordance with the image and the accompanying information. See user section 24 with output sections 40, 42 and 44.

2.

### **Claims Objected**

Claims 2, 9, 35, 42 and 52 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

3.

### **Claims Allowed**

Claims 27-33, 60-66, 71, 72, 75 and 78 are allowed for the reason the prior art does not teach or suggest in claimed combination, "... wherein, when image data received from said at least one other image input/output apparatus is to be outputted by said

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output means said first selection means selects one of said sheet cassettes based on the cassette information.”

Claim 72 is allowed because the claimed subject matter is not implemented on a computer readable storage medium.

Claim 75 is allowed for the reason the claimed subject matter is not implemented on a computer readable storage medium.

Claim 78 is allowed for the reason the claimed subject matter is not implemented on a computer readable storage medium.

4.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jerome Grant II whose telephone number is 571-272-7463. The examiner can normally be reached on Mon.-Thur. from 9:00 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly A. Williams, can be reached on 571-272-7471. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.



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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



J. Grant II

**JEROME GRANT II**  
**PRIMARY EXAMINER**